

Neil G Paterson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9236785/publications.pdf>

Version: 2024-02-01

18
papers

4,517
citations

623188

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887659

17
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docs citations

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7451
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#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses. <i>Cell</i> , 2022, 185, 467-484.e15.	13.5	788
2	Reduced neutralization of SARS-CoV-2 B.1.617 by vaccine and convalescent serum. <i>Cell</i> , 2021, 184, 4220-4236.e13.	13.5	630
3	Antibody escape of SARS-CoV-2 Omicron BA.4 and BA.5 from vaccine and BA.1 serum. <i>Cell</i> , 2022, 185, 2422-2433.e13.	13.5	532
4	Antibody evasion by the P.1 strain of SARS-CoV-2. <i>Cell</i> , 2021, 184, 2939-2954.e9.	13.5	519
5	Reduced neutralization of SARS-CoV-2 B.1.1.7 variant by convalescent and vaccine sera. <i>Cell</i> , 2021, 184, 2201-2211.e7.	13.5	442
6	The antigenic anatomy of SARS-CoV-2 receptor binding domain. <i>Cell</i> , 2021, 184, 2183-2200.e22.	13.5	331
7	Neutralization of SARS-CoV-2 by Destruction of the Prefusion Spike. <i>Cell Host and Microbe</i> , 2020, 28, 445-454.e6.	5.1	298
8	Structural basis for the neutralization of SARS-CoV-2 by an antibody from a convalescent patient. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 950-958.	3.6	268
9	Structural basis for outer membrane lipopolysaccharide insertion. <i>Nature</i> , 2014, 511, 52-56.	13.7	239
10	Complex N-glycan breakdown by gut <i>Bacteroides</i> involves an extensive enzymatic apparatus encoded by multiple co-regulated genetic loci. <i>Nature Microbiology</i> , 2019, 4, 1571-1581.	5.9	116
11	Potent cross-reactive antibodies following Omicron breakthrough in vaccinees. <i>Cell</i> , 2022, 185, 2116-2131.e18.	13.5	105
12	Structural and functional insights into the lipopolysaccharide ABC transporter LptB2FG. <i>Nature Communications</i> , 2017, 8, 222.	5.8	64
13	The antibody response to SARS-CoV-2 Beta underscores the antigenic distance to other variants. <i>Cell Host and Microbe</i> , 2022, 30, 53-68.e12.	5.1	52
14	De novo design of discrete, stable 310-helix peptide assemblies. <i>Nature</i> , 2022, 607, 387-392.	13.7	21
15	How best to use photons. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 242-261.	1.1	16
16	High-Throughput Crystallography Reveals Boron-Containing Inhibitors of a Penicillin-Binding Protein with Di- and Trivalent Binding Modes. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 11379-11394.	2.9	15
17	Exploiting Microbeams for Membrane Protein Structure Determination. <i>Advances in Experimental Medicine and Biology</i> , 2016, 922, 105-117.	0.8	4
18	INTRAMOLECULAR ISOPEPTIDE BONDS: NOVEL POST-TRANSLATIONAL MODIFICATIONS IN BACTERIAL PILI AND CELL-SURFACE ADHESINS. , 2013, , 417-427.		0